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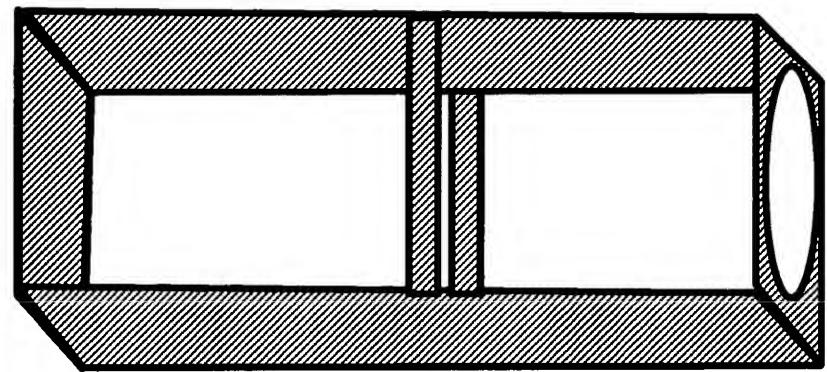
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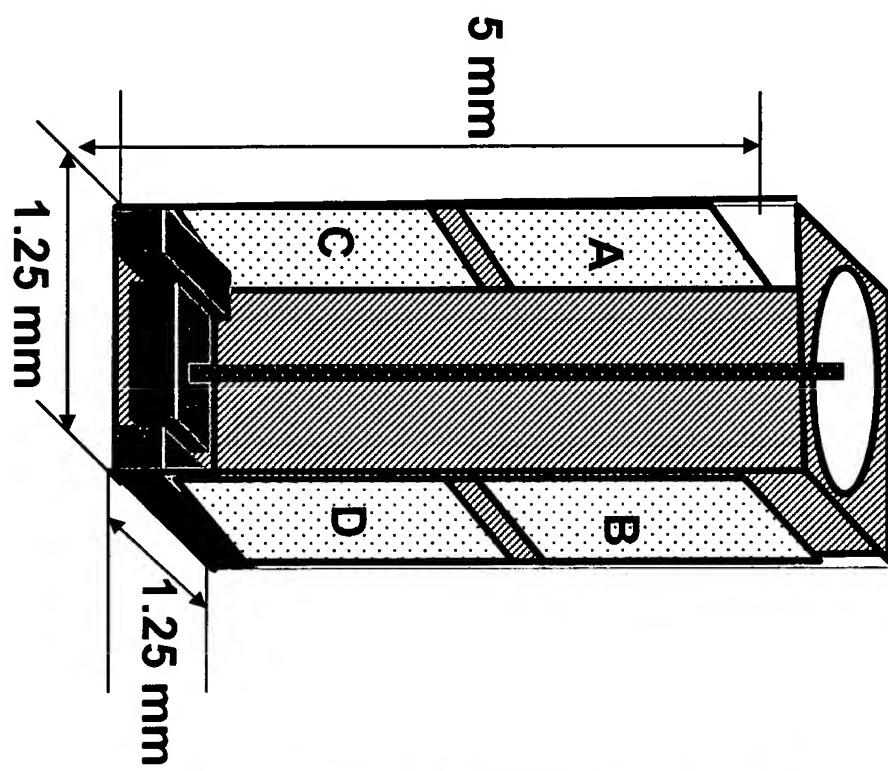


## Cavity Working Parts Sealing

a



b



c

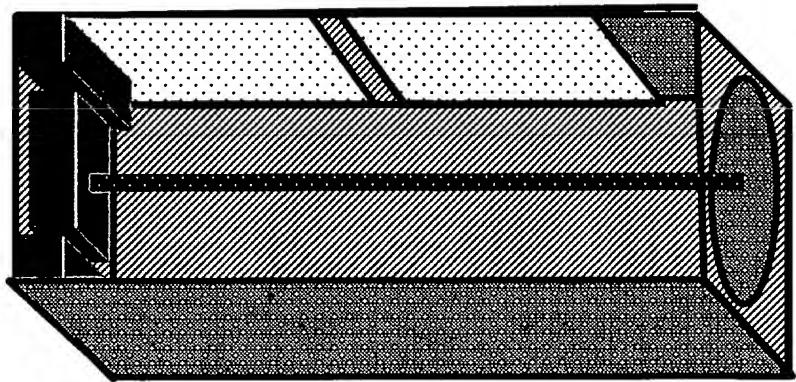
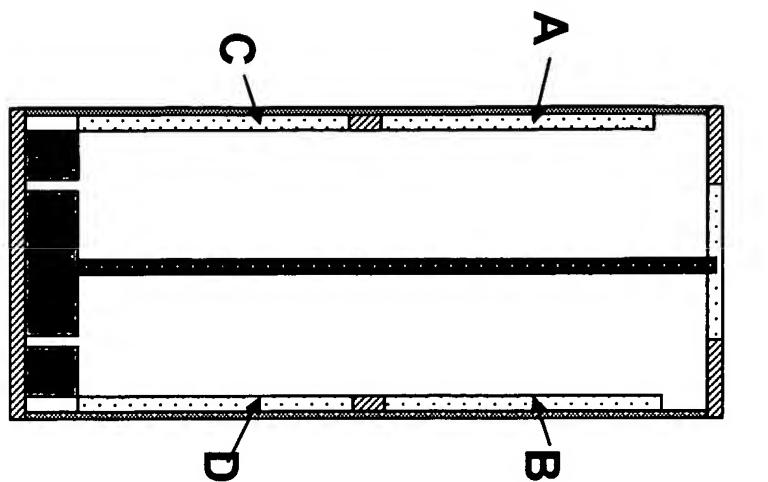


Figure 1. (a) (b) (c). The schematic of the steps to construct a SSH Braille cell and its working configurations.

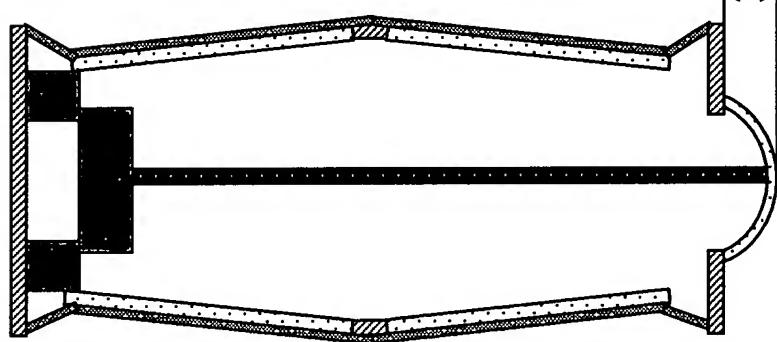


Figure 2. The working sequence of the hydraulic and latching system in Braille cell.

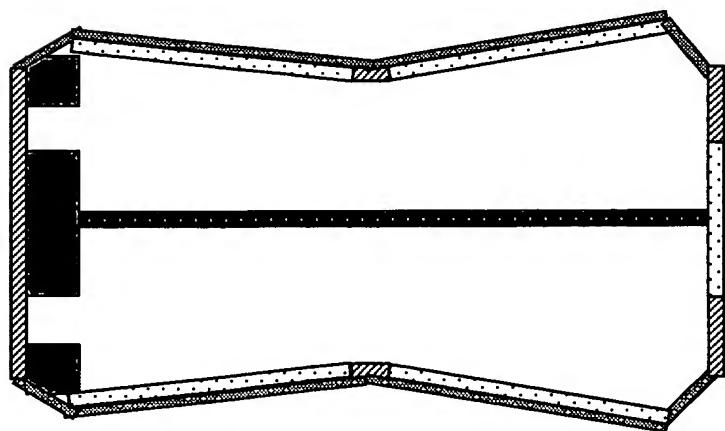
### Initial Position



### Step 1



### Step 2



## Microelectrodes on PVDF

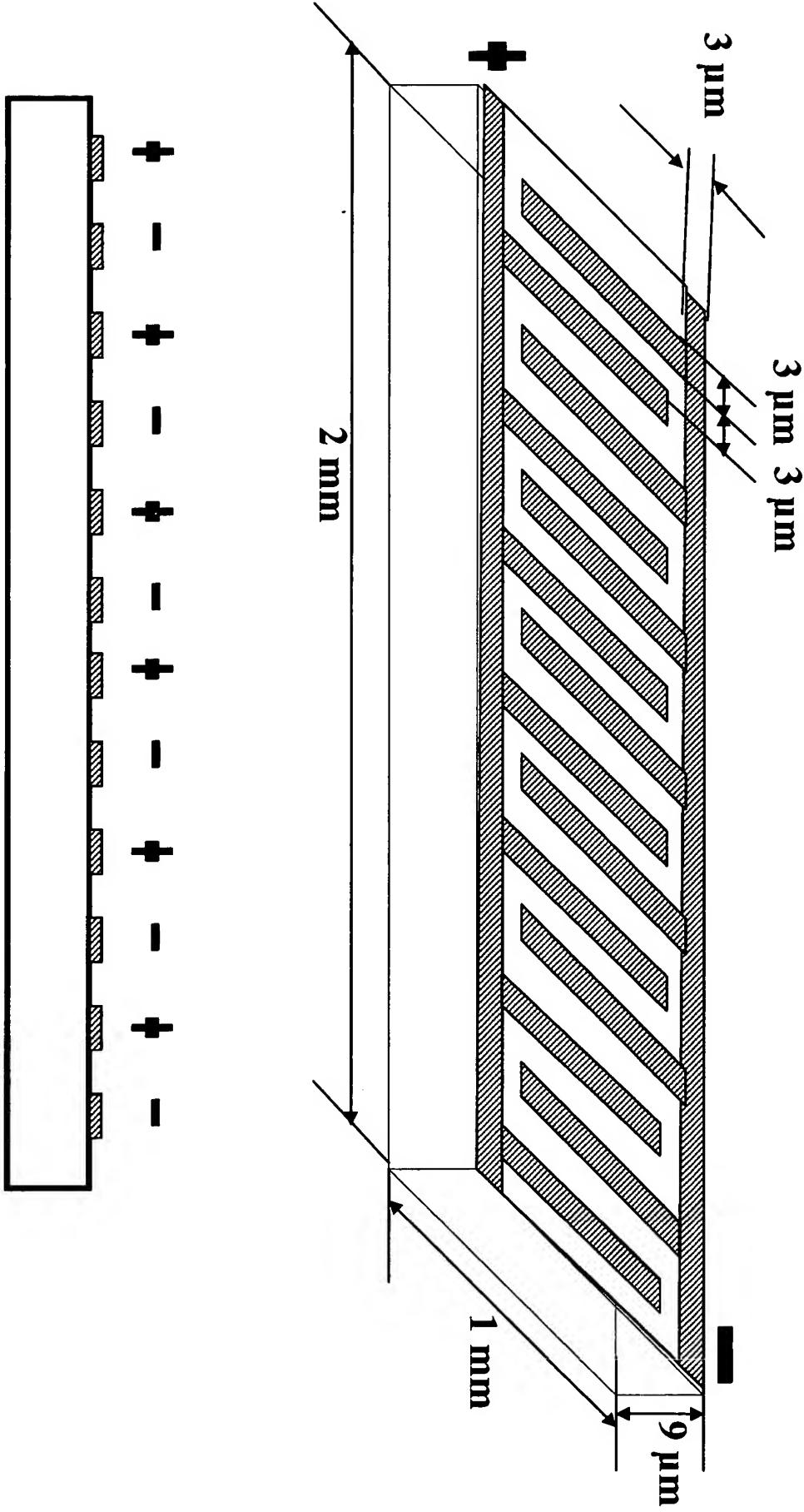


Figure 3. An array of micro electrodes made on the PVDF polymer thin film.



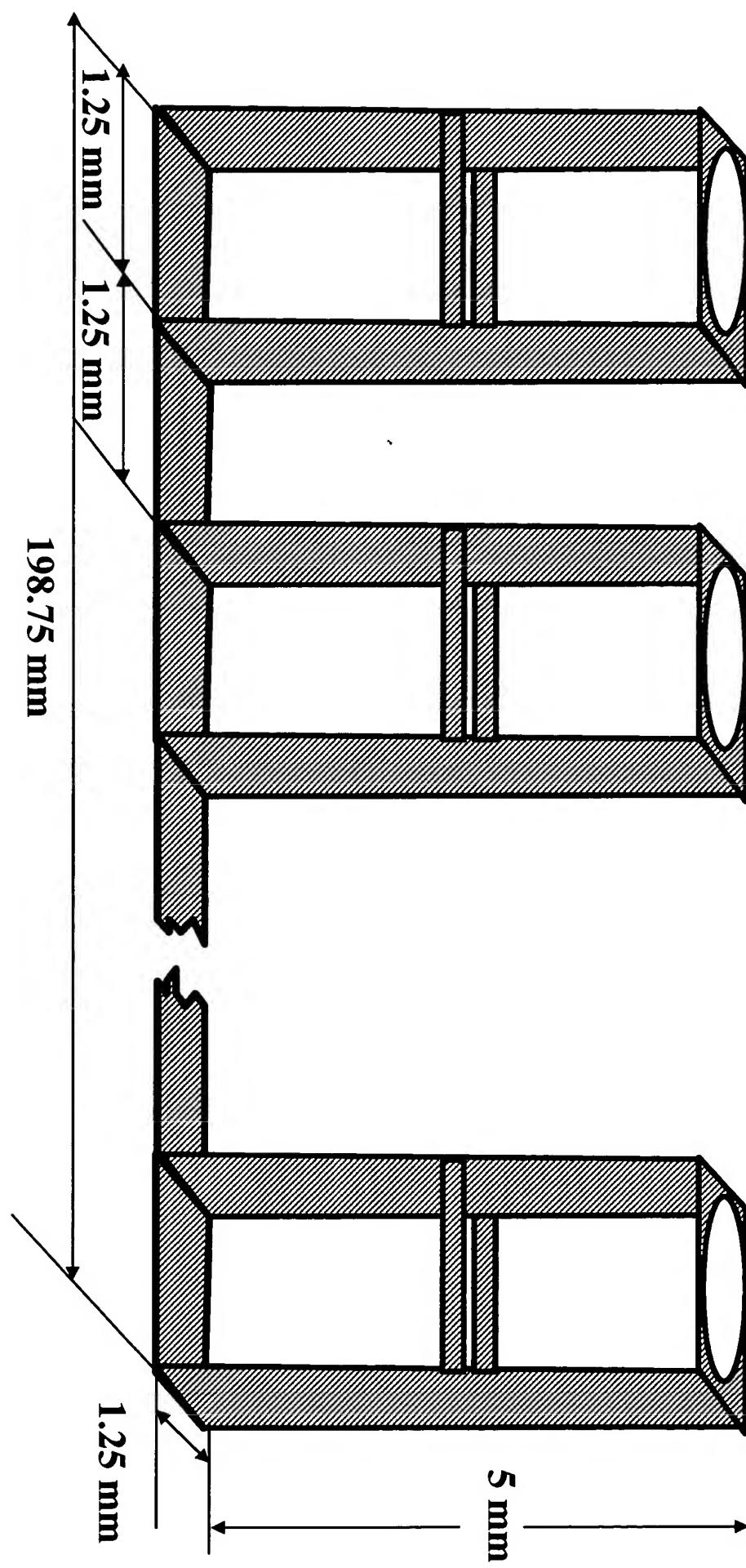
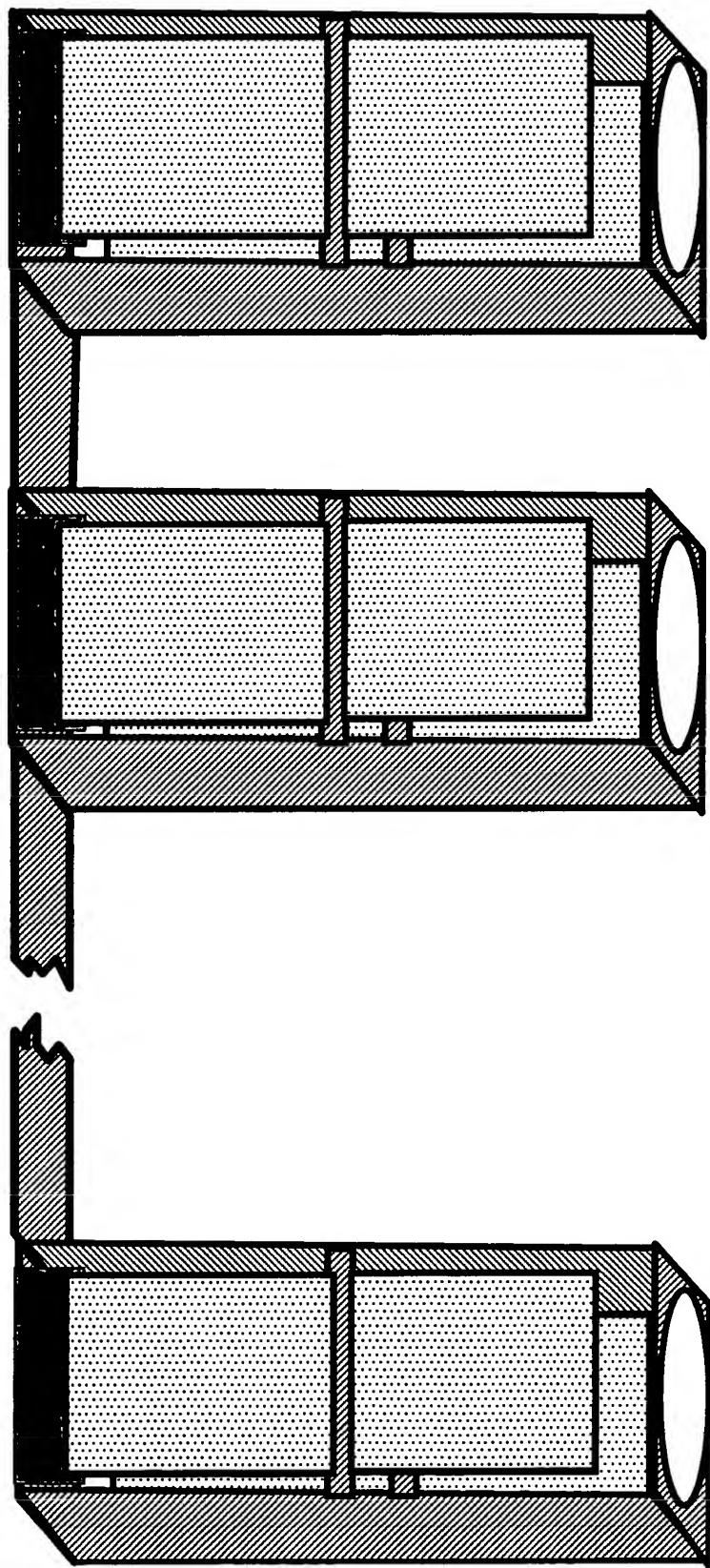


Figure 4. A single row of cavities



Figure 5. An single row of cavities with bending elements working at two sides



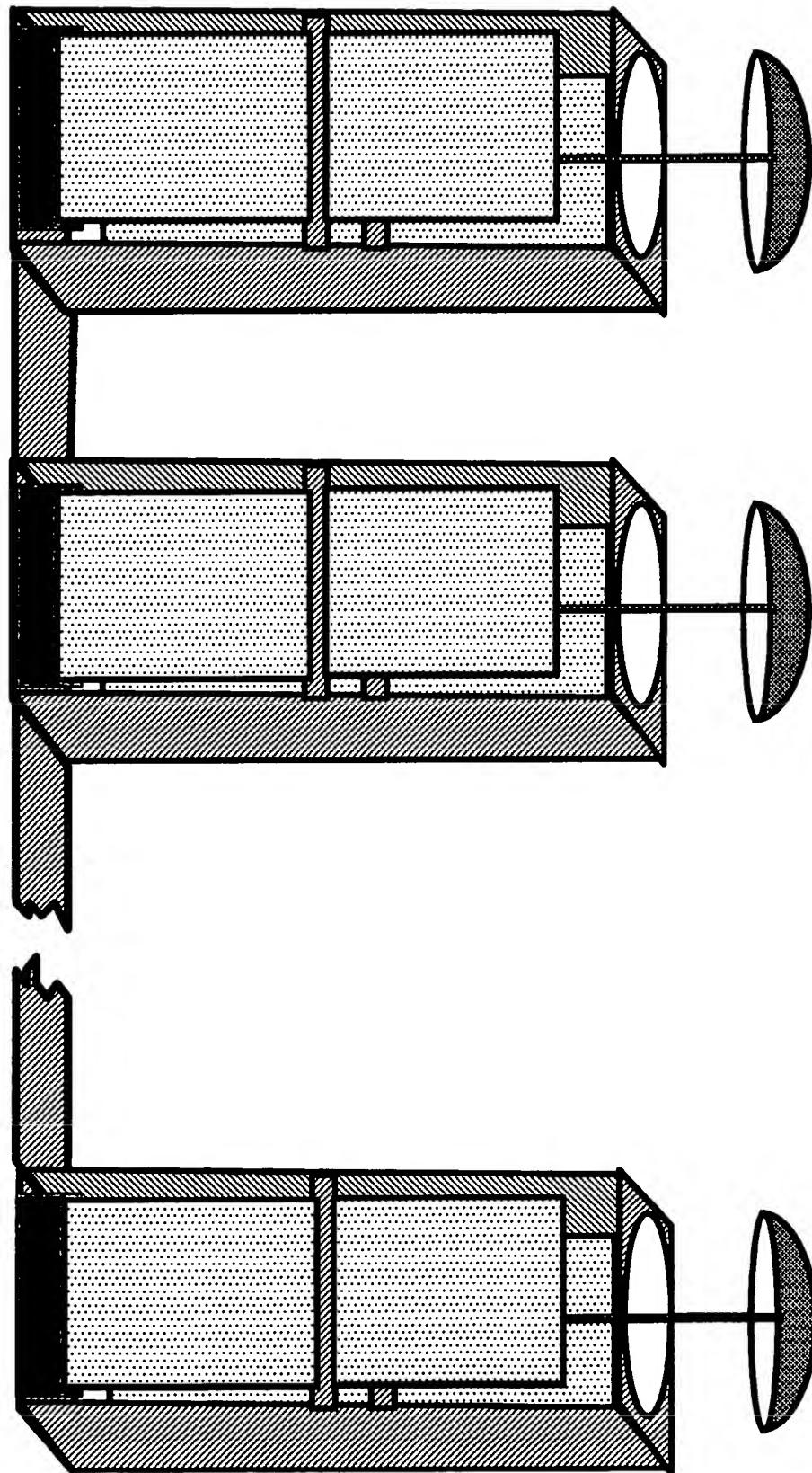


Figure 6. A single row of cavities with membranes and supporting rod sealing at top.



Figure 7. A multi-line or full page Braille display made by adding single row of working units into an array of Braille dots.

